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# FOLIO

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## Ideas and Viewpoints Permeate UCC-Sponsored Conference

On 24 and 25 April at the Convention Centre a group of movers and shakers, seers and savants pooled their thoughts at the conference "Partners for Innovation." It would seem that teamwork is of the essence if new patterns and partnerships are to occur within the government, business, labour and post-secondary circles. With that in mind, the Universities Coordinating Council, assisted by the Confederation of Alberta Faculty Associations and the Universities' Boards of Governors, sponsored the conference.

William Norris, Chairman and Chief Executive Officer, Control Data Corporation, said that industry-university-government cooperation is critically important to more efficiently create and transfer knowledge and to better train more people.

Mr. Norris related that while there has been some cooperation among U.S. universities in selected research areas, little effort has been directed, either by individual universities or cooperatively, to take research one step further—to technology. "It should be emphasized that only as research is converted to technology and then applied by business in the marketplace is the major benefit realized by way of new jobs created," he said.

Luncheon speaker Hugh Planche, Minister of Economic Development for Alberta, having seen the technology and expertise in place at universities in Canada and the U.S., reiterated a statement to the effect that the university system and all of its components would be crucial to world-class initiatives in economic development.

Endowed chairs are also favored strongly by Mr. Planche. There are, for example, more than 600 such chairs at the University of Texas at Austin compared to just a handful

funded here, he said. Senior people should not be handed a gold watch and allowed to slip into full retirement but should be approached for ideas and contributions to economic development. "They (Americans) are very aggressive about it there; I don't think we are doing well at all."

The Minister went on to say that the best foundation for science and technology policies lies within the walls of the universities. "Creative financing, that is, financing that does not come from the five or six chartered banks is going to have to be developed," he said.

Universities have to assume a higher profile and be a source of pride in terms of promoting recognition of their contribution to the public well-being, Mr. Planche told the assembly. "Work has to be done here; there is too much 'we' and 'they'."

The case should be made for the establishment of a foundation of science and economic development, Mr. Planche suggested, but universities are tentative about it because they want diversification instead of a heavy concentration on science.

Mr. Planche also stressed that the post-secondary curriculum must emit strong signals which state that the research component of the universities is strong and significant.

Fraser Mustard, introduced as a man who "could well be the most outstanding research scientist in Canada," wondered whether a Canadian, staying at home, could move the research effort in a way that has been possible in the past. President of the Canadian Institute for Advanced Research, Dr. Mustard said that if he were looking for two places in Canada where the political climate, attitudes and resources were of such magnitude that one could "make things happen," he would choose Alberta and Quebec.

His selection owes something to the technology cycle which, he pointed out, revolves around a "science-push," "demand-pull," a system of industrial organization and the need for sustained government funding.

"What developers don't understand is that the university environment is the engine of technology," Dr. Mustard said.

To attract new industries requires money, a high quality of life for skilled staff and top universities. Please don't create centres of

excellence separate from universities, he urged; the universities' role is important not only in furthering cooperation with industry but in terms of keeping faculty up to date with the knowledge explosion in technological and scientific fields.

Dr. Mustard, a member of the recent Bovey Commission on Higher Education, was appointed President of the Canadian Institute for Advanced Research in 1982. As a Fellow of the

*Continued on page two*

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## Planning for National Universities Week Commences

National Universities Week will take place 17 to 29 October 1985. Universities across the land are planning for the event under the direction of the National Coordinating Committee (NCC) under the co-chairmanship of Myer Horowitz and Roland Doré, Ecole Polytechnique.

The logo and theme for the campaign were approved recently. "Extending ideas/Un courant d'idées" is illustrated with an extension cord in the shape of a human profile.

An advertising strategy for the campaign is being developed and the media relations sub-committee is looking at ways and means of gaining media attention for the Week. One possibility is that of a nationally televised debate between a university spokesperson and a representative of the corporate community on a university-related issue.

Feelers for federal participation in National Universities Week are out and the NCC will be asking regional

and provincial university associations to seek support from their respective provincial governments while individual institutions are encouraged to sound out municipal governments for endorsements and other forms of participation.

At this University, a notice has been sent to Deans and Department Chairmen asking for a list of events which Faculties/departments have planned during National Universities Week. In addition to the involvement of Dr. Horowitz, C.A. (Al) Squibb, Director of Community Relations, sits on NCC as a representative of PACE—the Public Affairs Council for Education. He will be organizing a national speakers bureau for the campaign. The intent is that university presidents crisscross the country during October to speak on university-related issues.

Sandra Halme, a member of the Community Relations staff, is on the media relations committee. □

Institute, he maintains a research (blood platelets, coagulation and the vessel wall) base at McMaster University.

On the second day of the conference, speakers noting issues addressed in the previous day's speeches raised a number of points, among them:

- A fundamental change is needed in agricultural thinking to reshape it in terms of small business attitudes; both agricultural education and research require reformulating.

- A network of "cooperative offices" and technology "centres of innovation", working in collaboration, might provide the most suitable structure for high tech development and economic expansion in Alberta.

- "Cooperation offices" would be non-profit, providing a range of civic, provincial and federal support and services. Seen as a community concept, these would recognise local concerns and build on the emerging strengths of cities.

- "Innovation centres", also called "centres of excellence", would be business- and technology-oriented and, with first rate academic research programs, would provide a stimulating environment for industrial development.

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## FOLIO

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- The emphasis should be on transferring technology into commodities. Focussing on the "needs, desires and wants of clients/customers" is necessary to create jobs.

- There is a lesson to be learned from the Japanese and their remarkable success with goal-oriented research. While it may be expensive, and does not always solve the problem, when it is successful, the result is a breakthrough.

- To keep our own scientists and to attract others, the prestige of science and a scientific career should be recognised by building "stars" and bringing in "superstars".

- Cherished traditions and values should not be ignored in a headlong pursuit of science, and the humanities ought not to adopt "a cultural cringe".

- Coherence is needed in education

planning: the province needs an educational strategy for the post-secondary sector. Community colleges and technical institutes are the fastest growing segment of adult education, and are the training ground for the technical manpower needed in high tech industry.

- The ingredients for high tech research and development are in place. What is now required is leadership: forceful, charismatic, enthusiastic people from the private sector are needed to get the project started.

- It is of the utmost importance to define objectives clearly. There is a need to identify particular areas where there is the possibility of success. Resources should not be spread too thin.

- Since the bottom line is the effective use of resources, it is essential to do a benefit/cost analysis before embark-

ing on a project.

- That high quality research needs a teaching component, as high quality teaching needs research, should be a consideration in establishing centres of excellence.

- Centres of excellence should not be designated, but should occur naturally. No outside authority should be permitted to dictate areas of specialization for particular universities.

- The University must never lose control over its own development; those within it "must not lose perspective or forget what a university is about."

Representing our University at the conference were President Myer Horowitz, Vice-President (Finance and Administration) L.C. Leitch, Board of Governors Chairman John Schlosser, and various members of the Board and the AAS:UA.□

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## CITL Looking to September and Peer Consultation Sessions

Teachers in large academic institutions are frequently isolated from one another. Individuals who have questions about teaching, or who want to explore new alternatives rarely know where to turn for assistance. The CITL-sponsored Peer Consultation Program is a process through which one faculty member collaborates with another to assist in improving and enjoying teaching. The consultant helps the faculty member examine his or her current teaching, generate alternative teaching approaches, and evaluate the success of changes.

The peer consultation method of improving teaching is an exciting and promising area in higher education and the program has been used for the past semesters at the University of Alberta. CITL has invited Richard Tiberius, University of Toronto, to conduct workshops on aspects of peer consultation on 6 and 7 September. CITL's objective is to increase its pool of full-time academic staff who will be available to work with colleagues, on a one-on-one basis, for the improvement of teaching and learning.

CITL is looking for individuals who are good teachers, who want to be better, and who wish to help others to improve through consultation and self-help.

The day-long session on Friday, 6

September, is open to all interested faculty members. Dr. Tiberius is calling the session "A quick course in Peer Consultation to Improve Teaching." Theoretical issues will be addressed and Dr. Tiberius will provide opportunities for practicing the various methods in small group situations. The workshop will provide valuable background and training for faculty members and will increase their understanding of the instructional process as well as develop skills and practice a process for assisting others

improve their teaching.

Dr. Tiberius, a member of the Division of Studies and Medical Education at the University of Toronto, has previously conducted workshops at the University as well as at many other universities in Canada and the United States.

The workshop is free of charge but enrolment is limited. For more information, contact Bente Roed Cochran, Coordinator, CITL, 2-30 Assiniboia Hall, telephone 432-2826.□

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## One Beacon in the City of Light

Being a member in good standing of the Travel Division, Office of the Comptroller, Derek Cox gets letters from faraway places. A recent missive was from one Bruno Rethoret, Sales Manager of Elysées-Concorde. As a member of Groupe ABP, a well-known French real estate company, "Elysées-Concorde specializes in short-term rental of high-class furnished apartments, located in the best areas of Paris, he wrote."

According to M. Rethoret, a number of teachers and students from Canada and the U.S., looking for a

place to hang their beret in Paris, choose his firm for its efficiency and hospitality.

"If any of your teachers, searchers or students intend to spend a few weeks or a few months in Paris, we would be grateful if you could provide them with our name and address." Soooo...Elysées-Concorde, 9 rue Royale 75008 Paris. Telephone: (1) 265.11.99. Telex: 640 793 F.

Elysées-Concorde has a wide range of apartments as well as meals, car rental, secretarial services, etc.

Tell them *Folio* sent you.□

## Commemorative Stamp of Emily Murphy Launched

Canada Post, the University of Alberta and relatives and admirers of Emily Murphy teamed up recently for a special delivery of a commemorative stamp of the first woman magistrate in the British Empire.

A blow-up of the stamp as well as that of a stamp honoring Thérèse Casgrain, "the eloquent activist who won women the right to vote in Quebec," was unveiled at the Faculty Club (which overlooks Emily Murphy Park) on 19 April. René Marin, Canada Post Chairman, and Sheila Wynn, Director of the Alberta Women's Secretariat, revealed the stamps to the gathering.

A sizeable audience (invitations went out to about 200 people, including University personnel, representatives of various women's organizations and philatelists) heard from platform guests Judge Marin, Dr. Wynn, Dr. Horowitz, and Alderman Percy Wickman. Don Murphy (Emily Murphy was his great aunt), was master of ceremonies.

Dr. Horowitz reminded the assembly that Emily Murphy was a neighbor of the University during much of her life, albeit hardly a complacent one. She engaged in a number of pitched battles with Henry Marshall Tory but she and the University's first President did manage to collaborate in the development of the University of Alberta Hospital. "University presidents can use that kind of stimulation," Dr. Horowitz said.

"On many occasions Emily Murphy was one of us. She accepted teaching assignments in what is now the Faculty of Extension," he said.

Mrs. Murphy contributed to the writing of the Legal Status of Women in Alberta, a document which became a best seller—at 20 cents per copy.

Referring to "Is the University a Match Factory", an article by Mrs. Murphy which went unpublished, Dr. Horowitz indicated that he would like to secure a copy and use it in a Convocation address.

Having noted the work of the President's Interim Advisory Committee on Women's Issues under the chairmanship of Susan Jackel, he said the University will be looking at people like Emily Murphy and Thérèse Casgrain to "provide inspiration for us to do a whole lot more than we have done."

Emily Murphy was born in Cookstown, Ontario, in 1868. From 1907 until her death in 1933, she resided in Edmonton. In 1916, she became the first woman magistrate in the British Empire when she was named to the newly created Edmonton Women's Court.

Emily Murphy had much to do with the "Persons' Case," which resulted, in 1929, in a decision of the Judicial Committee of the Privy Council, which reversed the Supreme Court of Canada's initial ruling that women were "not legally persons."

Thérèse Casgrain was born in 1896

into a prominent Quebec family.

Rather than frequenting the ballrooms and manors of high society, she devoted herself to the struggle over the right of women to vote in Quebec provincial elections. It was granted in 1940 after more than 10 years of repeated petitioning of the Quebec Legislature.

She continued to work on behalf of a number of other political and humanitarian causes. Her death occurred in 1981.

The two 32-cent stamps, which are now on sale across Canada, are domi-

nated by portraits of Emily Murphy and Thérèse Casgrain. Background sketches represent the principal concerns of their respective careers. The portraits were painted by Muriel Wood of Toronto.

Aston-Potter Ltd., of Toronto, will print 20 million domestic rate stamps (10 million of each of the two stamps) in six-color lithography.

The blow-up of the Emily Murphy commemorative stamp will be placed in refurbished Emily Murphy House in Garneau. □

## Max Lay: EFF Distinguished Visitor

The Department of Civil Engineering is pleased to announce that Max Lay, Executive Director of the Australian Road Research Board, is an EFF Distinguished Visitor in the department from 15 April to 15 June.

Dr. Lay enjoys a distinguished career in two fields. He established his reputation as a structural engineer with significant research in structural steel design. He has more than 100 refereed publications and has served on many professional committees in his native Australia. The many honors accorded him include the prestigious Moisseiff Medal, presented to him by the American Society of Civil Engineers (jointly with T.V. Galambos).

Dr. Lay's expertise as a transportation engineer is evidenced by his position with the Australian Road Research Board, the research unit responsible for highway research for all of Australia. He has been the keynote speaker at numerous international conferences, including the 1983 Institute of Transportation Engineers World Conference, London.

Dr. Lay has wasted little time since arriving at the University in mid-April. He has begun two extensive seminar series, each of which will continue until the end of May. The first, in steel structure fundamentals, is being held at 9 a.m. Monday through Thursday each week; the second, fo-

cussing on various aspects of transportation engineering, takes place Tuesday through Thursday each week beginning at 3:30 p.m. All lectures for both series take place in EB205, Civil and Electrical Engineering Building.

In addition to the seminar series, Dr. Lay will give several luncheon and evening addresses and will be available for informal discussions with University faculty and students.

More information on Dr. Lay's visit may be obtained by calling D.J. Laurie Kennedy, Professor of Civil Engineering, telephone 432-4713. □



Don Murphy extols the virtues of Thérèse Casgrain and Emily Murphy.

## Arts Court Work Resumes

With spring having arrived, or so the rumor goes, work can resume this week on the Arts Court in the vicinity of the Business Building.

Wayne McCutcheon, Manager, Grounds Division of Physical Plant, says the asphalt and concrete will be in and finished by 15 June.

Landscaping will be worked in and around the construction and the project should be completed by the end of June, Mr. McCutcheon estimates. □

## Rosemary Nielsen, Russ Pendergast: Rutherford Award Winners

*What follows is the second installment of profiles of recipients of 1985 Rutherford Awards for Excellence in Undergraduate Teaching.*

### Rosemary Nielsen

A native of Hamilton, Ohio, Professor Nielson received her BA from Carlow College in Pittsburgh in 1962, her MA from the University of Washington in Seattle in 1964, and her PhD from the same university in 1967. She joined the University of Alberta as a Sessional Lecturer in 1966, became an Assistant Professor in 1967, an Associate Professor in 1973, and a Professor in 1980.

Her teaching skills have received acclaim from within and without the University; in addition to the courses she teaches, she is a popular high school lecturer, and a great encouragement to graduate students who seek her aid in presenting comprehensive, well-written theses.

A number of very impressive recommendations were submitted to the Rutherford Committee on her behalf, and their comments were summarized by Duncan Fishwick, Acting Chairman of Classics: "She is consistently evaluated as one of the best teachers in the University with a passion for communicating her interest in her own subject, extremely hardworking and devoted to her students. They were delighted and impressed at the great amount of attention she devoted to her work, the enthusiasm for learning she created, and the fact that she was accessible far beyond the call of duty. Her lectures are characterized as clear, lucid and stimulating, with an emphasis on discussion that makes the learning process sheer pleasure. The general opinion is that here is a teacher who really cares and respects her students, one who returns assignments promptly with more red ink on them than black."

Many of her students have written to thank her for the many hours of tutoring, her assistance in finding secondary sources, and her personable style. Wrote one student: "Rosemary is a woman of incredible energy and enthusiasm who has a wonderful gift for spreading her vibrance to those around her. She is able to make the

class always challenging and stimulating and her warmth and sincere concern for her students is very encouraging."

Another student summed it up in one sentence: "She made us THINK."

Professor Nielsen has been an active member of a number of University, Faculty and departmental committees, including GFC Appeals Committee on Salaries and Promotion (1974 to 1977), the Faculty of Arts Honors Committee (since 1970), the Academic Planning Committee (1980-81) and the Nominating Committee (1981-82). She was Chairman of the Graduate Studies Committee in 1983-84.



### Russ Pendergast

It's your first class in economics and your professor strolls into the room wearing a golf shirt, red cardigan and a bicycle clip on his right pant leg. You double check your schedule. Everything is correct, except that Father Russ Pendergast is supposed to be the instructor.

Deciding not to be hasty in assuming you're in the wrong place, you wait until class begins, hoping the professor's introduction will set things straight. He begins, "You know what the problem with Canada is? We shouldn't export our grain—but distill it and then sell the whisky. It would be more profitable."

Your first lesson in introductory Pendergast Economics has begun, and you're hooked: economics is fun.

This unique and entertaining way of teaching economics has been the hallmark of Father Pendergast's (he pre-

fers Father to Doctor) classes for the past 22 years.

As a recipient of a 1985 Rutherford Award for Excellence in Undergraduate Teaching, Father Pendergast says he's embarrassed by the award, "It blows my cover." His enthusiasm about teaching is infectious. "I love it and would do it for nothing if I had to." His approach to students is to challenge them, see them get ideas and work them out. Through his teaching, Father Pendergast also instills a sense of Canadian identity and pride. According to him, "Canada is the only country to maintain political independence while at the same time being successful economically. We are considered pragmatic economists and we should be proud of our economic mentality."

What Father Pendergast does is to bring economics down to a common, Canadian level. He makes the subject practical and understandable while at the same time teaching some Canadian history along the way. His doctoral thesis, taken at the University of Ottawa, was the result of finding some unpublished papers on the fur trade. The papers dealt with the economics of the Montreal-based fur trade in western Canada at the beginning of the 19th century, and his work brought new insights to the western Canadian fur trade.

Father Pendergast walked into the economics field quite naturally. Prior to the Second World War, he was an apprentice with the Toronto accounting firm of Clarkson, Gordon, Dilworth and Nash. He then studied at the University of Toronto where he obtained an honors degree in economics and political science. While teaching at St. Michael's College (a high school in his native Toronto) Father Pendergast studied for and went on to receive a master's degree in economics.

When still an undergraduate, he met the Basilian Fathers and was impressed by their lifestyle: committed to God and devoted to education. He saw it as the "best of both worlds" and was ordained as a member of the Basilian Fathers in 1950. Since that time, he has devoted his life to the church and to education.

Father Pendergast was invited to

teach at St. John Fisher College in Rochester, N.Y., spending 12 years with the College as professor and later as Head of the Business Administration Department. He arrived at the University of Alberta in 1963, and his initial appointment was that of Bursar of St. Joseph's College. "I found I had spare time and offered to teach economics," he recalls. The rest is history. His years of dedication and enthusiasm will be rewarded when he is honored on 7 May.

It is estimated that Father Pendergast has taught between four and five thousand students—although it has been pointed out that, since many students choose to take more than one of his courses, it would be more accurate to use "registrations" rather than "students". His popularity has resulted in his being ranked, consistently and without exception, at the top of the list of teachers in the Economics Department.

He becomes serious when discussing the Canadian economy and Canadian economic history but the sparkle is always evident, whether he's commenting that "unemployment is our most serious problem, not inflation" or discussing the role of education in eliminating prejudice. He is always ready with a humorous anecdote or comment. As the priest idealist and the economic realist, Father Pendergast says, "I'm maximizing my marginal utilities."

A self-described "compulsive reader", not a "hobbyist", Father Pendergast is as excited as ever about his future and about the future of economics. "Economics is developing dynamically, and I find this very challenging," he says.

In his small, cluttered office in St. Joseph's College, the shelves are lined with books and memorabilia, including a huge jar of brightly-colored jellybeans. Taped to the wall beside the jar are papers listing the flavor of every color of bean: white - licorice; red - cinnamon; yellow - lemon, and so on. "I don't care for jellybeans myself but they're a good conversation piece and they sometimes break the ice when a student first comes to see me." Like jellybeans, Father Pendergast is colorful, professionally and personally. □



## Royal Society of Canada Welcomes Four Members of Faculty to Ranks

The Royal Society of Canada has elected to Fellowship 47 distinguished humanists and scientists, including four professors from this University.

Richard E. Peter, Zoology; M.N.G. James, Biochemistry; Nico Stehr, Sociology; and John King-Farlow, Philosophy, will be inducted into the Society during the annual meeting at the University of Montreal, 2 June.

Dr. Peter joined the staff of the

University in 1970. His research interests centre on the neuroendocrine regulation of pituitary function, and the endocrine regulation of growth and reproduction in teleost fish. He is also involved in collaborative studies in the People's Republic of China and Poland on induced spawning of cultured fish.

Dr. James joined the University in 1968, and was lauded for his research

in the structure and function of protein. He won the Ayerst award from the Canadian Biochemical Society in 1979.

Dr. Stehr, who has been with the University since 1970, specializes in the areas of the sociology of knowledge, the philosophy of social scientists and the stratification and theory of sociology.

Dr. King-Farlow teaches the Philosophy of Religion. He has been a member of the faculty since 1968.

Founded in 1882 by the Marquess

of Lorne (later ninth Duke of Argyll), the then Governor-General of Canada, the Society is a national academy which recognizes high distinction and stimulates achievement in the humanities, social sciences, and sciences by election to fellowship, and the awarding of medals, prizes and scholarships. It also holds or sponsors symposia that may be of public interest, and undertakes studies of national interest from time to time. The current president is Alexander G. McKay of McMaster University. □

## Applications Invited for 1985 Sandra Garvie Memorial Award

Created in honor of Sandra Garvie, from 1976 to 1979 Librarian of the Legal Resource Centre, Faculty of Extension, the Sandra Garvie Memorial award is intended to assist the recipient pursue a course of study, or undertake research, relating to the library aspects of public legal education.

The recipient of the 1984 award is Jane Ann Summers, who will use the \$1,000 grant to investigate the legal problems of the performing artist in Canada. Currently studying law at

Dalhousie University, Ms. Summers became interested in public legal education while attending a course in management development for arts administrators.

Applications are now invited for the 1985 award, with a deadline of 30 June.

For more information call Lois Gander, 432-5732, or write her at the Legal Resource Centre, 10049 81 Avenue, Edmonton, Alberta T6E 1W7. □

## SORSE Encourages Faculty Involvement in Seminars

Students' Orientation Services offer students the opportunity to meet with professors, tour the campus and get a feel for University life by providing orientation seminars each summer. Students may participate in a concentrated one-day seminar, or spend a weekend which will allow for greater personalized attention to individual concerns.

SORSE seminars are offered during the latter half of the summer, and provide new students with information concerning registration procedures, academic regulations and responsibilities, time management, budgeting, study skills, services available to students on campus and campus tours. This year, specific dates have been set aside for various Faculties, which allows students to meet

others entering the same Faculty. However, all seminars have a limited enrolment, and early registration is advised.

As an alternative to the all-day or weekend seminars, an equivalent will be offered from 5:30 to 9:30 p.m. for two nights. The cost and material covered are the same as for the one-day seminar. Transfer students may also be interested in a half-day seminar that will make them familiar with the campus and give them a preview of academic and student life at the University. Please note that it is not necessary to have received a letter of acceptance from the University to participate in this program. For more information, contact the SORSE office at 432-5319. □



*It seems that when Julian Koziak comes calling he usually bears gifts in the form of matching grants released from the 1980's Advanced Education Endowment Fund. On 19 April, at the official opening of the exhibition "XVII and XVIII Century Maps of Ukraine," Mr. Koziak, here getting on famously with Ron Whistance-Smith (right), placed a cheque for \$53,107 in the hand of Chief Librarian Peter Freeman. The amount matches the donation from the estate of the late Ivan Rudnytsky to the University. The matching fund will be used to further strengthen the Ukrainian collection so that it continues to rival the foremost collections in Canada and the United States. Dr. Rudnytsky, who died approximately one year ago, willed some 3,000 books plus various maps and papers to the University. Photo: Bernd Hildebrandt.*

## International Development Links

- Walter Mismang, WUSC Field Director, Ethiopia, was in Edmonton 1 May. Contact Maxim Jean-Louis, Athabasca University, 675-6148.
- CIDA Thai Desk will be on campus 7 and 8 May to hold meetings on Canadian-Thai university linkages.
- A meeting on Bangladesh University linkages will be held 13 and 14 June. Contact Robin Coutts, 432-2958.
- A copy of "Country Eligibility—Bilateral Development Assistance" (CIDA document) and a list of contacts for international development at other Canadian universities has been received in Amy Zelmer's office. Contact Deirdre Cartledge, 432-2280.
- Nancy Gerein, Health Programs, CIDA, will be on campus 23 and 24 May to discuss possible involvement in a program of women's education in Bangladesh. Contact Dr. Zelmer, 432-3213.

## Hotel Rates Readily Accessible

The Travel Division has brought out a listing of hotels rates, 1985. Local rates and the national rates offered through the Association of Universities and Colleges of Canada are noted.

At all times, staff must be able to identify themselves as being staff of the University of Alberta.

The rates have been circulated to Deans, Directors, Chairmen and Department Heads. Information can also be obtained from the Travel Division, 432-3845. □

## people

**Parameswara Krishnan** (Sociology) was chairman of a workshop on India's population at the annual meeting of the Population Association of America held in Boston, 28 to 30 March. The workshop was organized by Professor Krishnan and *N. Lulu*, also from the Department of Sociology.

**Suck Hee Cho**, a student from Korea who is currently working toward the degree of PhD in Educational Psychology, with emphasis on the education of the gifted child, was the recipient last Fall of a Delta Kappa Gamma Society International World Fellowship valued at \$3,000 U.S.

Miss Cho recently applied for an extension of her fellowship and has been given an additional \$2,000 U.S.

Any student at the University of Alberta engaged in graduate studies in an educational field, and planning to return to the home country to make use of knowledge acquired abroad, may apply for a Delta Kappa Gamma International World Fellowship.

**Karol Krótki** (University Professor/Sociology) co-authored a paper presented to the annual meeting of the Population Association of America in Boston. The paper was the first report on the incidence of contraceptive practices based on the 1984 Canadian Fer-

tility Study conducted by the Universities of Alberta, Western Ontario and Montreal.

## service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

## Coming Events

### Lectures and Seminars

#### Medicine

3 May, 8 a.m. M.J. Mant and Dr. Joffe, "Hypercoagulability Factor Myth." 2-115 Clinical Sciences Building.

6 May, 8 a.m. Resident Research Day with speakers N. Kneteman and R. Nason. 2-115 Clinical Sciences Building.

10 May, 8 a.m. N. Roberts, "Brain Death." Auditorium, Misericordia Hospital.

#### University of Alberta Finnish Club

4 May, 8 p.m. Matti Kaups, Professor of Sociology-Anthropology-Geography, University of Minnesota, Duluth, "Finnish Rural Architecture: Form and Function." Heritage Lounge, Athabasca Hall.

#### Music

##### Edmonton Youth Orchestra

5 May, 3 p.m. Orchestra II—conductor, Michael Massey and soloist, Andrew Yeung. Admission free. Convocation Hall.

11 and 12 May, 8 p.m. Orchestra I—conductor, Michael Massey. Admission: \$4—adults, \$2—seniors/students; available from orchestra members and at the door.

#### Films

##### Alberta Nurses for Nuclear Disarmament and Physicians for Social Responsibility

7 May, noon. "Nuclear War on the Prairies."

14 May, noon. "Hell Unlimited."

An educational film series on the nuclear arms race. 2-115 Clinical Sciences Building. Refreshments provided.

#### Exhibitions

##### Ring House Gallery

3 to 26 May. "Rural Alberta Community Photo Exhibition." A pictorial anthology on contemporary rural Alberta.

3 to 26 May. "Flights of Fancy—Newfoundland Yard Art." An exhibition of 100 photographs

which illustrates some of the colorful yard art to be found in Newfoundland and Labrador.

## Theatre

### Théâtre Français d'Edmonton

2, 3, and 4 May, 8 p.m., and 5 May, 3 p.m. "Joycuses Paques." For further information, call 469-0829.

## Non-Credit Courses

### Computing Services

#### MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)  
AJ510 Operation and Visual Editing (Prerequisite)  
MTS Overview (Prerequisite)

#### TEXTFORM

Introduction to Text Formatting (Prerequisite)

#### SPIRES

Introduction to SPIRES (Prerequisite)  
Advanced SPIRES

#### Graphics

Integrated Graphics Overview (IG)

#### Statistics

Data Preparation for Statistical Packages (Prerequisite)  
Introduction to SPSSx  
Introduction to MIDAS

#### Microcomputers

Introduction to the IBM PC  
Introduction to the Personal Editor  
Introduction to MultiMate  
Advanced MultiMate  
Introduction to Microcomputers  
Introduction to MicroSoft FORTRAN  
Introduction to Macintosh

The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

#### Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.

Advanced Text Formatting  
Introduction to Plotting  
Introduction to Programming  
Introduction to Typesetting  
Introduction to APL  
Introduction to Tell-A-Graf  
Introduction to BMDP  
Introduction to MINITAB  
Introduction to TROLL

For more information on any of the courses listed above, telephone the Training Coordinator at 432-2511, between 8 a.m. and 4 p.m., weekdays.

## Faculty of Extension

### Certificate Programmes

For further information on the programmes listed below, telephone 432-5545 or 432-3027 between

8:30 a.m. and 4:30 p.m., Monday to Friday.

Management Development  
Personnel Administration  
Computers and Business Data Processing  
Industrial Security Management  
Purchasing Management Development  
Applied Land Use Planning Certificate Programme  
Public Administration Certificate (432-5052)

### Citation Programme

For further information on the following programmes, telephone the number(s) listed behind the course.

Executive Development Programme for Women (432-5545 or 432-3027)  
Supervisory Development Programme (432-5066)

### Land Use Planning Studies

For further information on the following courses, telephone 432-2912.  
Plans and Processes  
Survey and Analysis (Field Trip)

### Industrial Courses

For further information on the course listed below, telephone 432-2912.  
Maintenance Management

### PLATO Learning Centre

"Computer-Taught" courses can be taken any time at your convenience. For further information on this unique way of learning, telephone 432-2444.

Introduction—Keyboarding, Word Processing  
Excellence in Administrative Assistant/Secretarial Work

Introduction—Computers, Data Processing  
Introduction to Programming—BASIC, PASCAL, FORTRAN

Time—Resource, Financial or Planning Management

### Applied Behavioral Sciences Division

For further information on the following courses, telephone 432-5069.

Accessing Your Personal Power  
Introduction to NLP (Neuro-Linguistic Programming)  
Assertion and Interpersonal Skills Training for Professionals—Level I  
The Eclectic Counsellor

### Devonian Botanic Garden

For a detailed brochure and registration form, telephone 987-3054.  
Suitable Conifers for the Alberta Landscape

## Notices

### International Affairs Bulletin Board

An additional resource for those interested in international affairs is the "International Affairs Bulletin Board", an MTS file that announces new publications, visitors to campus, University of Alberta faculty travelling elsewhere, conferences and meeting and general messages in the area of international development.

The Bulletin Board is a publicly accessible file on the University's MTS system which is updated weekly. To look at the Bulletin Board sign on to your MTS account and type \$RUN PCI3:BULLETIN (note "I" not "1"). On-screen directions will guide you from there.

If you have items which you would like to have entered on the Bulletin Board, either leave a message on the message system which is at the end of the Bulletin Board listings, or send to: Inter-

national Bulletin Board, 3-4 University Hall (Telephone: 432-2280).

### **Alberta Children's Creative Dance Theatre**

Registrations are now being accepted for the Alberta Children's Creative Dance Theatre to commence classes in September 1985.

The program provides experiences in "creative dance theatre" for children from the ages of four to sixteen years. For further information, telephone either Wendy Bedingfield (432-3566) or Joyce Boorman (432-5603), Department of Physical Education and Sport Studies.

### **Faculty of Arts, Shastri Indo-Canadian Institute**

The annual meeting of the Shastri Indo-Canadian Institute will take place Friday, 17 May, at 2 p.m. in 5-20 Humanities Centre. All interested staff are invited to attend.

## **Scholarships, Fellowships and Awards**

### **The William Selkirk Scholarship**

**Donor:** Imperial College of Science and Technology. **Where tenable:** Imperial College of Science and Technology. **Level:** Post-graduate. **Field:** Mineral Resources Engineering. **Value:** Depends on the holder's qualifications and experience. Award intended to augment inadequate support from other sources. **Number:** Not stated. **Duration:** One year. **Conditions:** Must be a graduate of a recognized university, and should have had some year's experience in the mining industry in the U.K. or North America. It is intended that the award be available for academically well qualified persons who do not necessarily meet all the conditions for awards made by the Science and Engineering Research Council. **Closing date:** 30 June 1985. **Further information and application forms should be requested from:** The Registrar, Imperial College

of Science and Technology, London, England SW7 2AZ.

### **The James Capel Bursary**

**Donor:** James Capel and Company. **Where tenable:** Imperial College of Science and Technology. **Level:** Post-graduate. **Field:** Mineral Resources Engineering. **Value:** Depends on holder's qualifications and experience. Award is intended to augment inadequate support from other sources. **Number:** Not stated. **Duration:** Not stated. **Conditions:** Must be a graduate of a recognized university and should have had some experience in the mining industry. The holder will be expected to pursue post-graduate study or research in the Department of Mineral Resources Engineering on a subject chosen in conjunction with the Head of the Department and James Capel. **Closing date:** 30 June 1985. **Further information and application forms should be requested from:** The Registrar, Imperial College of Science and Technology, London, England, SW7 2AZ.

## **Surplus Equipment**

*The equipment appearing in this column is available only to University Departments with University administered funds. For further information about the purchase of equipment or the disposal of your department's surplus equipment, contact Jody Brookwell or Roy Bennett, telephone 432-3208.*

**For Sale:** (1) Hughes-Owens adjustable Metal Drafting Table  
For more information, telephone Miss Matthews, Surgical Medical Research, 432-6821.  
**Wanted:** (1) 37 Degree Waterbath  
(1) Small Incubator  
For more information, telephone Sonic, Occupational Health and Safety, 432-3142 or 432-5614.

## **Positions Vacant**

*The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements*

*are directed to Canadian citizens and permanent residents.*

## **Non-Academic Positions**

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 26 April 1985. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

*Positions available as of 26 April 1985.*

Clerk Steno II (Part-Time/Trust) (\$8.20/hr.)  
Cancer Research Group  
Clerk Steno III (\$1,294-\$1,625) Boreal Institute for Northern Studies  
Clerk Steno III (\$1,294-\$1,625) Extension  
Clerk Steno III (\$1,294-\$1,625) History  
Clerk Steno III (\$1,294-\$1,625) Law  
Clerk Typist III (\$1,294-\$1,625) Registrar's Office  
Clerk Typist III (\$1,294-\$1,625) Housing and Food Services  
Medical Stenographer (\$1,442-\$1,842) Paediatrics  
Secretary (Trust) (\$1,442-\$1,842) Institute of Law Research and Reform  
Departmental/Executive Secretary (Part-Time) (\$650-\$837) President's Advisory Committee on Campus Reviews  
Animal Assistant II (Trust) (\$1,294-\$1,625) MSB Animal Unit  
Technician I (Trust, Part-Time) (\$749-\$960) Psychiatry  
Technician I/Technologist I (Trust) (\$1,497-\$2,182) Plant Science  
Computer Operator (\$1,561-\$2,003) Office of Administrative Systems  
Biochemistry Technologist I (Trust) (\$1,697-\$2,182) Biochemistry  
Technologist I (Trust) (\$1,697-\$2,182) Foods and Nutrition  
Electronics Technician II (\$1,766-\$2,280) Physical Education and Sports Studies  
Department Purchasing Coordinator I (\$1,766-\$2,280) Physical Plant  
Art Technician Demonstrator I (Part-Time) (\$883-\$1,140) Art and Design

Administrative Assistant (\$1,842-\$2,378) Housing and Food Services  
Laboratory Technologist I (\$1,842-\$2,378) Provincial Laboratory  
Electron Microscope Technician III (\$1,920-\$2,486) Zoology

For vacant Library positions please contact the Library Personnel Office, Basement, Cameron Library. Telephone 432-3339.

## **Advertisements**

*Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.*

### **Accommodations available**

**Sale - By owner.** Three-storey, family home. 2,700' of comfortable living. Old fashioned charm, attractive terms for qualified buyer. Reduced, \$219,000. 433-6169.  
**Rent - Furnished, one-bedroom suite.** Allendale. \$300/month. Available anytime. Call 434-5097.  
**Rent - Sabbatical, Belgravia, furnished, three-bedroom house.** Beautiful backyard. Opposite school. July 1985-August 1986. 437-6879, 432-5162.  
**Sale - 11627 78 Ave.** For viewing, call 435-8694. For price, call collect, 1-306-955-1769 after 6 p.m.  
**Sale - Executive, custom built, four bedrooms, loft, cedar ceiling, fireplaces, oak cabinets.** \$158,500. Offers! 436-9649.  
**Sale - Parkallen. Semi-bungalow, four bedrooms, library, panelled dining room, refinished floors, 1,675 sq. ft. plus basement suite.** Please call Ken Smith, ReMax Real Estate, 462-5000.

**Fisher Scientific/LKB Wallac**  
Proudly Present  
the latest technology in  
Scintillation Counters  
Gamma Counters

**Display on May 3rd (all day)**  
Rm #355 Medical Sciences Building

## **TRAVEL CUTS** **CORPORATE SERVICES**

TRAVEL CUTS is fully appointed to make reservations for airlines, car rentals, hotels and tours — both international and domestic. We are fully computerized and our staff is knowledgeable about all aspects of travel. We offer you:  
— a separate office with full-time staff working only on faculty travel  
— convenient on-campus location  
— a company with 15 years in the travel industry  
— support of 14 Canadian offices and one in London, England.

Canadian Universities  
Travel Service Ltd  
Main Floor, SUB 432-2756

## **THREAT TO YOUR RIGHT TO PUBLISH**

The administration's proposed "Policy on PLATO Courseware Ownership", before the AASUA for ratification, denies to authors of computer-assisted instruction (CAI) ownership of, and publication rights to, their work. The policy explicitly anticipates the same restrictions on all computer software, and is a precedent for a similar policy on books, works of art and scholarly publications.

We urge academic staff, through the AASUA, to reject this policy. Make your views known to the AASUA President, Dr. D. M. Richards, 347 Athabasca, telephone 5321.

We are some of the principal faculty authors of CAI.

K. M. Bagnall	Anatomy	3732
E. Blackburn	Saint-Jean	468-1254
R. Collins-Nakai	Pediatrics	4010
S. M. Hunka	Educ Rsch Serv	3762
J. S. Martin	Chemistry	5307
M. W. Petruk	Ind & Voc Ed	5363
R. Reiffenstein	Pharmacology	3728
E. W. Romaniuk	Educ Psych	5245
R. E. Rossall	Medicine	6352

**Sale - Windsor Park.** Three-bedroom bungalow. Large lot. Refinished, hardwood floors. Four appliances. Double garage. Southern exposure. Priced to sell, \$95,000, mortgage \$60,500/12 3/4%. Reina Proudfoot, Royal LePage, 435-4869, 436-2556.

**Rent - Near University.** Two-bedroom, furnished house. \$495/month. Available 1 June. 469-8650.

**Rent - Near University.** Furnished, basement suite. \$295/month. Available 1 June. 469-8650.

**Rent - Large, two-bedroom suite** in private residence. Furnished, washing facilities, garage. Ten minutes to University, downtown. June, July, August. 433-7531.

**Rent - Three-bedroom bungalow.** Double garage, fridge, stove. Deposit, lease. Available 1 June. 1-389-4373.

**For rent - July and August** (or any part thereof), fully furnished bungalow on south side, easy access to University. Non-smokers. \$550/month. 433-3924 (work), 437-6797 (evenings).

**Rent - Walk to University,** 10923 86 Ave. Three-bedroom, two-storey, basement suite, garden, garage. 1 May, \$900. Phone 439-3991, 433-3255.

**Sale - New, exclusive, upgraded home.** Lovely, modern kitchen, two baths. Professionally developed basement. Double garage. Lovely, treed lot. The jewel in Parkallen. \$89,900. Call Joyce Byrne, 435-6064, 436-5250. Spencer's.

**Rent - Four-bedroom, fully furnished home,** Aspen Gardens. Double garage, automatic door. August 1985-August 1986, \$1,200. Rent and rental period negotiable. Phone 435-2093.

**Sale - Home or revenue, or both.** Two-storey. Four bedrooms. Basement suite. Walk to University. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

**Sale - Belgravia.** Walk to University. Quiet street. Cozy bungalow. Two garages. Large lot. Chris Tenove, 433-5664, 436-5250. Spencer's.

**Sale - Southgate.** 1,600 sq. ft., remodelled bungalow. Family room. Huge lot. Crescent location. Immaculate, well-maintained property. Super, double garage. Chris Tenove, 433-5664, 436-5250. Spencer's.

**Sale - Class and cleanliness.** \$78,500. 1,320 sq. ft. Parkallen, semi-bungalow. Immaculate condition. Attractive brick fireplace. Refinished hardwood floors, new broadloom. Double garage. Call Mary Jane, 435-9369 or 436-5250.

**Rent - Large, cedar house with character.** 1 June-1 July. Twenty acres southeast of Edmonton. Furnished. Animals to be fed. Four bedrooms, two fireplaces, enormous kitchen. Cheap. Details negotiable. 922-2252.

#### *Automobiles and others*

**Sale - 1975, 21', Komfort trailer.** Full bath, stove, fridge, tandem, extras. Excellent condition. \$6,500. 432-3737.

#### *Goods for sale*

**Rent to own, new Royal electronic typewriters** or purchase used selectrics at Mark 9, HUB Mall, 432-7936.

**Bunting-receiving cover for newborn.** Beautiful gift. White, ribbons in color of choice. Washable, no iron. \$35.99. Box 1743, Edmonton, Alberta T5J 2P1.

**Sheltie puppies, \$100.** Phone 439-2492 afternoons. Culley Schweger.

**Books bought and sold - The Edmonton Book Store** in HUB Mall will pay cash for book collections

and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

#### *Services*

**Donnic Word Processing.** Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

**Professional typist - Word processing.** Specializing in theses and dissertations. Gwen, 467-9064.

**Academic staff: Supplementary healthcare** reimburses treatment costs for backaches, stress tension at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: Heat, massages, chiogymnastics, interferential electrotherapy. 436-8059. 11610 75 Ave.

**Landscaping, lawn maintenance.** Martin, 433-8729 evenings.

**Word Processing Services:** Résumés, theses, mailing lists, manuscripts, etc. DJM & Associates. 451-6180.

**C. Roy, tailor - Fine hand tailoring and shirt making** for men and women. Summer-weight wool-

ens and Italian cotton shirtings available. Call 429-0306 for appointment.

**Experienced architect.** Will do renovation/new home designs. Call 973-3198 (local).

**Competent house cleaning service,** licenced and insured. For information, phone 424-8490.

**Professional seamstress and tailors.** Made to order garments. General alterations. 469-6292, consultant Phil.

**Ecole Grandin offers Catholic education** and strong French immersion program with academic emphasis, in downtown area. Also: Pre- and after-school care, French immersion pre-kindergarten. Close to University. 482-3676.

**Tasty and spicy dishes.** Szechuen Cuisine, 15525 Stony Plain Road. Lunch (weekdays only) and dinner. Reservations and take-out, call 486-1136.

**Children with English accents** required for acting roles in feature film "Loyalties" filming in July. Boy 11-13, boy and girl under 10 years. For interview, call Bette Chadwick, 428-8515. The Other Agency.

## FRENCH COURSE FOR PROFESSIONALS

Faculté Saint-Jean

May 6 to 24, 1985

For Information Call: 468-1254 Ext.: 246

# **AUCTION** **UNIVERSITY OF ALBERTA** **&** **EDMONTON PUBLIC** **SCHOOLS** **MAY 29TH - 6:00 P.M.** **14608 - 115 AVENUE**

#### **PARTIAL LISTING:**

**FILE CABINETS, CARD FILES, CALCULATORS, CHALKBOARDS, PIANO, IBM TYPEWRITERS, CATALYTIC HEATERS, AIR COMPRESSORS, CAMP STOVES, LAMP GLOBES, A/D CONVERTER, BULLETIN BOARDS, AQUARIUM, MIG WELDERS, CASH REGISTER, WATERING CANS**

**CUTOFF FOR EQUIP DECLARATIONS MAY 10TH!!!**